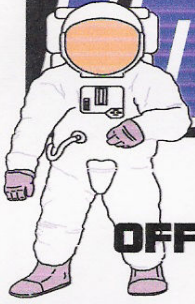


THE KOSMONAUT



JAN-FEB 2010

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VOL. 29 NO. 1



OFFICIAL JOURNAL OF THE KANSAS ORGANIZATION
FOR SPACEMODELING NAR SECTION 427



**KOSMO
CELEBRATES
30TH YEAR!**



**BREAKING NEWS:
THE APOLLO 13
CONNECTION**

Minutes of KOSMO Annual Meeting 2010

The annual meeting of the Kansas Organization of Space Modeling (KOSMO) took place Sunday Jan. 17, 2010 at the residence of John Palmer, Hutchinson, Ks. Lunch began at noon and was enjoyed by the 10 members present. Thanks go to John for the hamburgers, hot dogs, side dishes, and cookies. After a time of visiting, the members gathered in the basement for the meeting.

Keith Ravenstein, president, called the meeting to order at 1:10. Members in attendance included Keith Ravenstein, Duane Lanterman, Mark and Bonnie Johnson, John Palmer, Steve Saner, Fred Smith, Ron Shipley, Kirk and Grace Zonker. Minutes from the 2009 meeting were read and approved. The treasurers report was given by Duane Lanterman, provided by Rick Calvert, treasurer. There is \$50 in petty cash and \$361.84 in checking.

Election of officers was next on the agenda. Those elected for the new year included Keith Ravenstein President, John Palmer vice-president, Duane Lanterman secretary, Bonnie Johnson treasurer, Mark Johnson liaison, Steve Saner web master and Ron Shipley historian. After an extensive discussion on safety, 4 members were elected to a club safety committee, those being Rick Calvert, Keith Ravenstein, Mark Johnson, and John Palmer. (see safety committee paragraph below) Rick Calvert was thanked for his many years of service as club treasurer. Bonnie Johnson will contact Rose Hill bank in regards to the change in treasurer. A vote approved the addition of the current club president to the checking account.

Several members then paid their dues. A motion was made to waive the dues for the 2 families that were "founding members" in this year of celebration 30 years of KRAMO. This motion carried and the Mark Johnson family and Joe and Peggy Warnock were so honored.

The new safety committee will be responsible for making sure charged water bottles and a first aid kit is readily available at the launch sites. We currently have two water bottles. The purchase of 3 water bottles and two first aid kits was approved by vote. Mark Johnson will see if NAR funds are available for the water bottles. Keith Ravenstein will purchase two first aid kits from the Red Cross. One water bottles will remain with Mark Johnson in Wichita, two bottles and a first aid kit will stay in Hutchinson, and two bottles and a first aid kit will remain in Great Bend.

Next order of business was the 2010 flying schedule and KRAMO events. These dates and events were approved by vote.

MARCH 13 ELLINWOOD AIRPORT -Springfest - 10,000 waiver - 10am-5pm

MARCH 27 BACK UP DATE FOR SPRINGFEST

APRIL 24 BUHLER ROCKET LAUNCH BUHLER, KS. 10am-5pm CLASS 1 ROCKETS

JUNE 5-6 HUTCHINSON FAIR GROUNDS KRAMO 30 Sat. 10am-5pm, Sunday 10am-4pm Regional Contest and Class 1 sport rockets

JULY Barton Co. Members will help with Barton Co. Fair Launch - to be announced

Members are invited to the Reno Co. Fair Launch - to be announced

AUG Members are invited to Rush Co. Fair Launch, date to be announced

SEPT. 5 ELLINWOOD, Ks. (site to be named) FFFF 10,000 waiver 10am- "Kansas Rocket Drags" (classes to be determined)

SEPT. 19 BACK UP DATE FOR ELLINWOOD FFFF

OCT. 23 HUTCHINSON FAIR GROUNDS "NIGHT FLIGHT" 3PM-8PM Class 1 rockets - Lighted rockets from 7pm-8pm

NOV. 6 LOW AND SLOW - Steve Saner's residence, Andover, Ks. / Mark and Bonnie residence backup - Rockets limited to 1 pound and 400' altitude

FRONT COVER: (TOP) JOHN PALMER SHOWS MARK JOHNSON SOME SCALE MODELS. (BOTTOM); FRED SMITH AND DUANE LANTERMAN COMPARE MODELS AT THE ANNUAL MEETING.

KRAMO EVENTS OPEN SPOT LANDING
“D” Dual Eggloft Duration
1/4A Boost Glide Duration
Set Duration 35 Seconds
“A” Helicopter Duration

77 Weighting points

Members were encouraged to sign up on the net so that we can communicate as a group. This has been working out well among those who are signed up. Check out the website at www.kosmo427.org.

Several members expressed interest in attending the KCAR rocket launches around KC. Steve Saner said he would put a link to their club website on our clubs link.

The KOSMO traveling trophy had two candidates up for voting this year. John Palmer was nominated for the Hutch launch site and Steve Saner was nominated for the new website. Voting resulted in the award going to Mr. Saner.

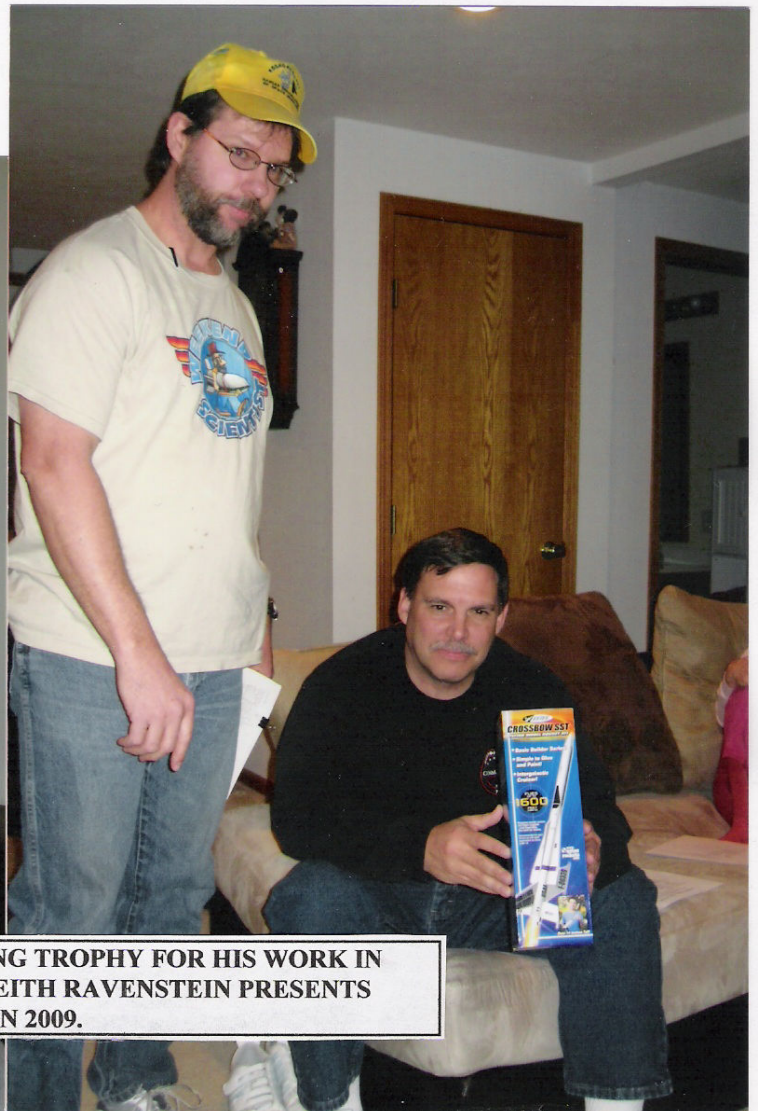
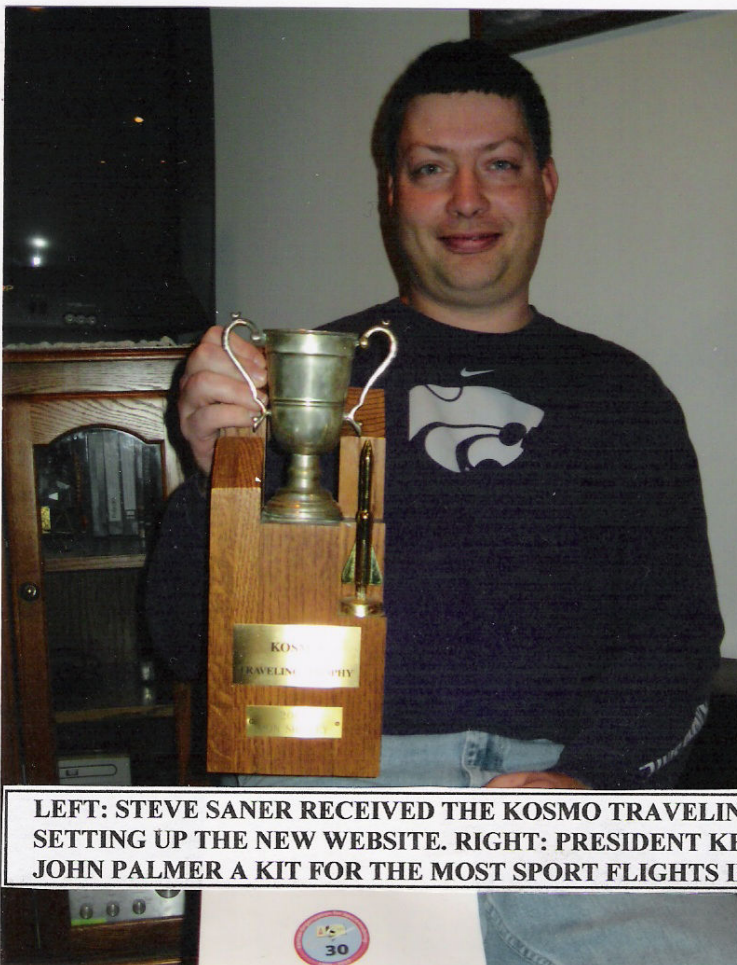
Keith Ravenstein announced a surprise award. He had been counting club sport flights during the year and John Palmer received a nice kit for the 21 flights he amassed during the year.

Two designs were submitted for the KOSMO/KRAMO 30th anniversary button. Drawings were submitted by Steve Saner and Ron Shipley. The drawing submitted by Steve Saner, with several modifications, was voted as the favorite and will be available in the near future. It will also be given to all KRAMO 30 participants.

The meeting concluded with members checking out John’s nice collection of rockets and memorabilia and members showing some of their winter projects.

The meeting adjourned at app. 3:40

Submitted by Duane Lanterman, secretary



LEFT: STEVE SANER RECEIVED THE KOSMO TRAVELING TROPHY FOR HIS WORK IN SETTING UP THE NEW WEBSITE. RIGHT: PRESIDENT KEITH RAVENSTEIN PRESENTS JOHN PALMER A KIT FOR THE MOST SPORT FLIGHTS IN 2009.

BY DUANE LANTERMAN



EDITORS RAMBLINGS

Happy 2010 and Happy Anniversary Kansas Organization for SpaceModeling. This year marks our 30th anniversary as a club and the 30th edition of our June contest KRAMO. Gracing our cover is the 30th anniversary logo designed by member Steve Saner. A button sporting this logo should soon be available.

The flying season will soon be upon us. The Ellinwood Airport will be the site of Springfest on Sat. March 13th. The usual 10,000' waiver will be in effect. In case of wind or snow, we will try again on Sat. March 27th. It's time to sand some balsa while watching the NCAA tourney games.

Our KOSMO talk about page has been b-u-s-y lately. President Keith Ravenstein will explain it in more detail in his column this issue, but its all based around a once in a lifetime opportunity for our club involving the Apollo 13 astronauts. Check out Keith's column!!

Also in this issue, as promised, is a two page plan from Joe Peklicz called the Point of Death. KOSMO member Gordon Hainey has his already built. It not an easy model to fly but looks cool and I plan on building one with a few variations. Hope to have it done sometime this Spring.

Enjoy this issue and see you at Ellinwood.

K O S M O

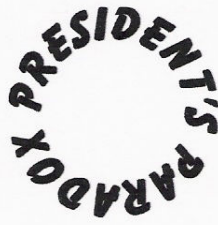
PLEASE NOTE THE NEW ADDRESS FOR SUBSCRIPTIONS OR MEMBERSHIPS 3532 S. 154TH ST. E. , WICHITA, KS. 67232. IF YOUR MEMBERSHIP IS DUE TAKE A MOMENT AND SEND IN YOUR \$10 TODAY. THANKS!

Kansas Organization for SpaceModeling

THE KOSMONAUT IS PUBLISHED BI-MONTHLY BY THE KANSAS ORGANIZATION FOR SPACEMODELING, NAR SECTION #427. SUBMISSIONS ARE ENCOURAGED ! SUBSCRIPTIONS ARE \$8 FOR 6 ISSUES. YOU CAN BECOME A KOSMO MEMBER (INDIVIDUAL/FAMILY) FOR ONLY \$10 A YEAR, WHICH INCLUDES A KOSMONAUT SUBSCRIPTION. THE EDITOR IS DUANE LANTERMAN, 642 N. HOMESTEAD DR., GREAT BEND, KS. 67530 AND CAN BE E-MAILED AT rocketsandracing@cox.net SUBSCRIPTIONS OR MEMBERSHIPS SHOULD BE SENT TO : BONNIE JOHNSON, 3532 S. 154TH ST. E., WICHITA, KS. 67232.

MOST OF THE CREW IS PICTURED HERE CHOWING DOWN ON SOME GREAT FOOD PROVIDED BY JOHN PALMER AT THE ANNUAL MEETING.





Well as we step into another New Year is already February and soon it will be year.

and it has already slipped by quickly. Here it March. Already it has been an interesting

I sent in the information for the waiver and I got a phone call about it and found out that I did not change all of the dates over from last years application. I was informed that the changes will be made and that they will process it and get it sent back to me. The did change the dates as like last year we have two weekends a month from 9 am till 6 pm for the time slot of the waiver.

I am hopping for some good weather for the rocket launches this year and reflecting on last year it was not all that bad. When I got into rocketry again I found out that the wind and rain will spoil a launch and when I got into Slot car racing I thought that I had found something that the weather would not bother but I forgot about the snow. I guess I will find a weather resistant kite and a set of snow shoes and then watch out for the lightning.

So far this has been a year for all kinds of different things going on for the club. We will be celebrating our 30th year of KRAMO in June and in April we have the opportunity to have a combined activity with the FLARE rocket club out of New Mexico and do a demonstration launch at the Cosmosphere in Hutch and meet a few of the astronauts also. We have agreed to help out and participate with Rush and Reno 4-H county fair launches this year as well with the Barton Co. 4-H launch. We have added another launch field to our areas to be launched from and therefore we will be setting up a launch in Buhler in April.

Last year I did a secret contest to find out who did the most sport fights during the year and the winner of that went to John Palmer, who had 21 flights total through out the year, and I have decided on this years contest and to participate all you have to do is make it to the launches, fly your rockets and have fun and you will find out at the annual meeting what the contest was.

For those that are interested in certifying for their High Power levels this year I have the latest updated L2 exams now and the pool of questions can be found on the NAR website for study. Let me know if you are interested.

Well until next time we see each other have a good day.

Keith Ravenstein

THE APOLLO 13 CONNECTION: FLARE/KOSMO/COSMOSPHERE

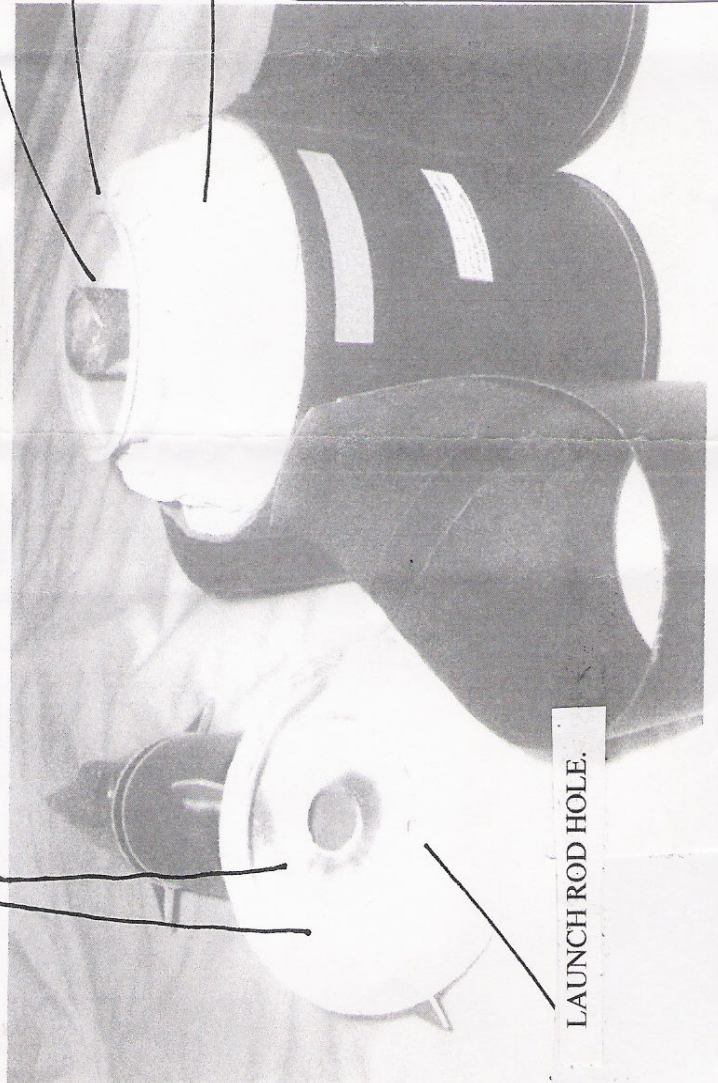
It all began with an email from Dave Kovar. He introduced himself as a member of the Las Cruces Area Rocketry Enthusiasts (FLARE). He had helped put on a scale launch of a Saturn V at the New Mexico Museum of Space History last year as part of the 40th Anniversary Apollo celebration. He had been contacted by the Cosmosphere in Hutchinson , Ks. to put on a Apollo 13 launch reenactment as part of the Apollo 13 Celebration April 17, 2010. The surviving Apollo 13 astronauts Jim Lovell and Fred Haise, Mission Director Gene Krantz, and Apollo 12 moon walker Alan Bean are to be in attendance. Would we be interested in contacting the museum, helping with the set up, recovery, and take down of the demonstration ? We responded with an enthusiastic yes and soon John Palmer, our club VP was visiting with the Cosmosphere. It now appears that the opening event on Saturday April 17 will be the launch reenactment. Check our club website as information becomes available. A flyer will be sent out to all members the week before the big celebration. Awesome ! Mark your calendar, see you in Hutch !

POINT OF DEATH WITH COOKOO BOOSTER

PAINT WARNING: USE ONLY TESTORS CHROME SPRAY PAINT FOR THE STYROFOAM BOWL. LEAVE THE TOP WHITE. OTHER SPRAY PAINTS WILL MELT STYROFOAM. GLUE ON LAST USING CONTACT CEMENT. LINE UP THE STYRO BOWL VERY CAREFULLY. CONTACT CEMENT IS A ONE TIME SHOT. ONCE ITS STUCK, IT'S ON FOR GOOD !



LINE ENTIRE INSIDE OF STYROFOAM BOWL WITH CARDSTOCK.



LAUNCH ROD HOLE.

BT-50

HERE'S THE PLASTIC FRUIT CUP LINE INSIDE WITH ALUMINUM FOIL

PARACHUTE

THERE ARE MANY LAUNCH ROD HOLES THAT GO THROUGH ALL CENTERING RINGS, BOWL, ETC. MAKE SURE THEY ALL LINE UP WHILE ASSEMBLING. NO LAUNCH LUGS WERE USED. I USED A 1/4" HOLE PUNCH AND A 3/16' LAUNCH ROD.

7/24/08

POINT of DEATH / COOKOO BOOSTER

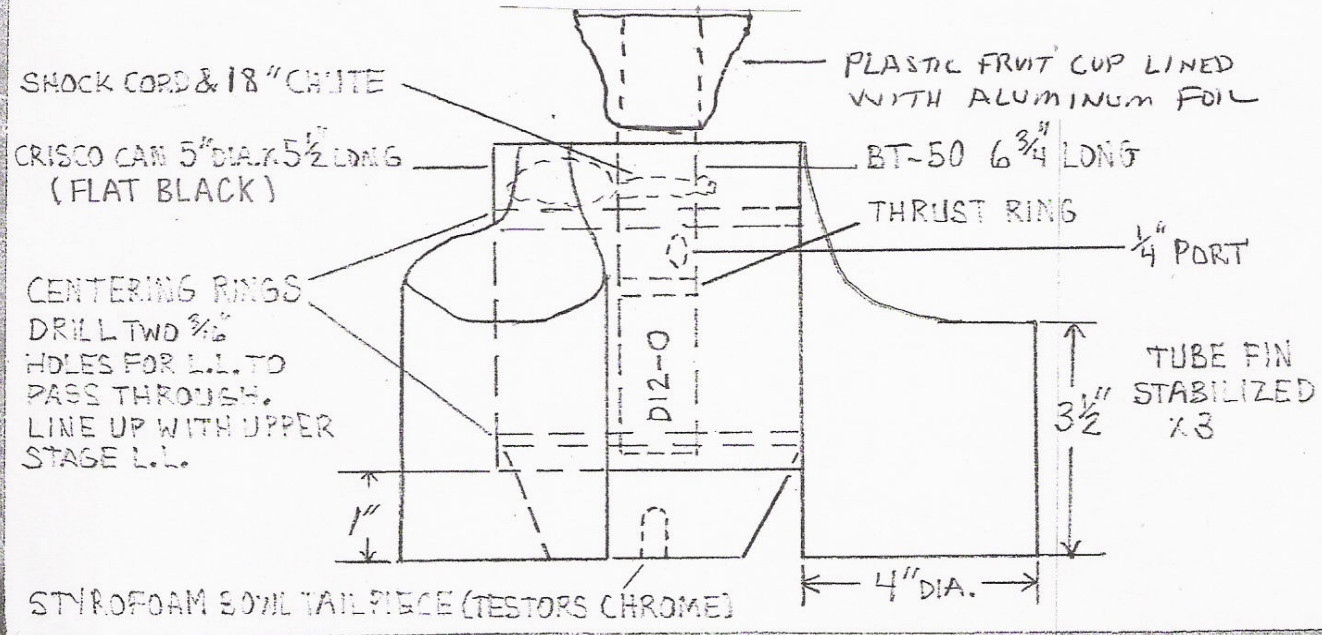
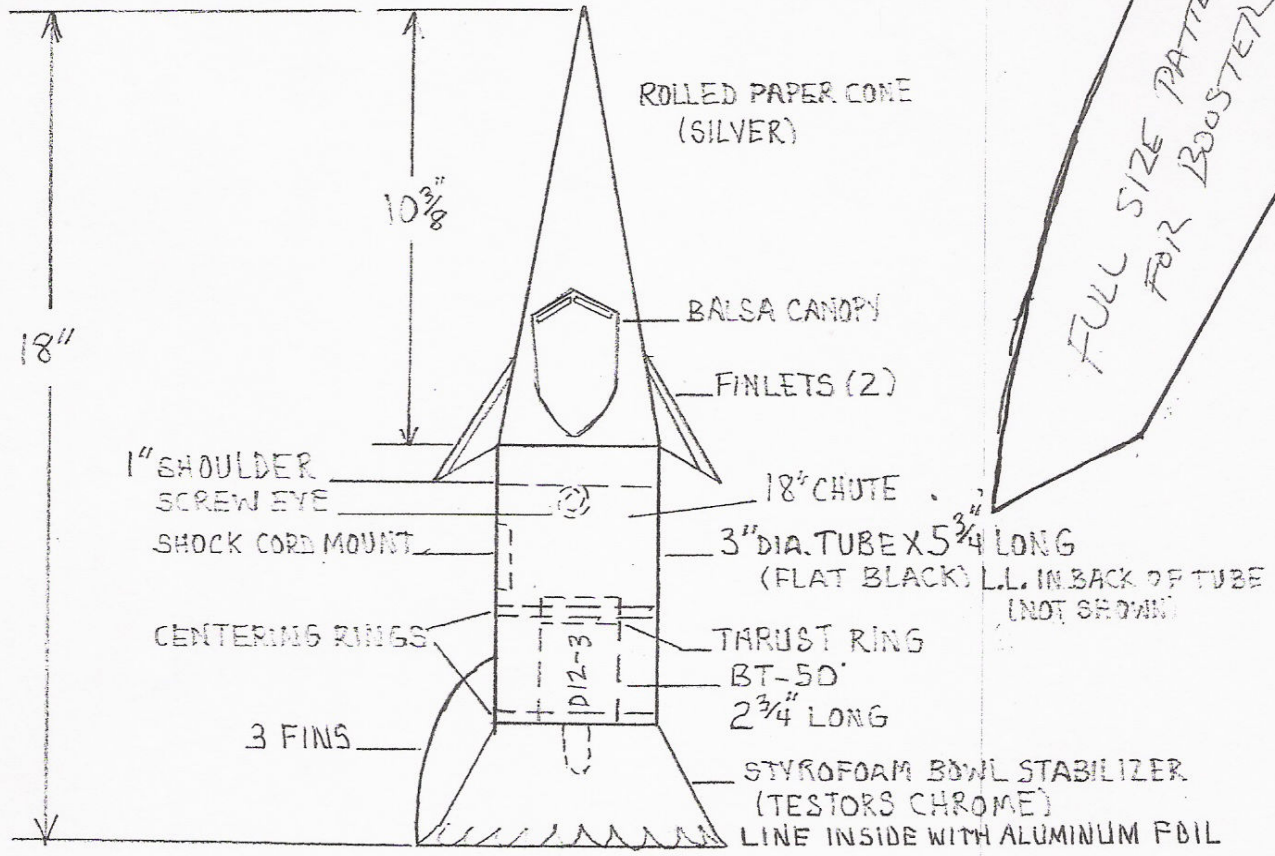
DESIGN & DRAWN BY:



Mr. Joseph Peklicz
635 S Zane Hwy.
Martins Ferry OH 43'

FLY ALONE OR STAGED

FULL SIZE PATTERN
FOR BOOSTER





MARK YOUR CALENDAR FOR KOSMO'S FIRST LAUNCH OF 2010

SPRINGFEST SATURDAY MARCH 13 ELLINWOOD AIRPORT

10 AM - 5PM 10,000' WAIVER

BBQ AT NOON

NON MEMBERS \$4 MEMBERS \$3

BRING YOUR NIKE MODELS FROM 2009 OUT TO LAUNCH

SUPPER AFTER THE LAUNCH AT SUE'S BBQ, NEW IN ELLINWOOD!

IN CASE OF WINDS OR SNOW BACK UP DATE IS **MARCH 27** SAME INFO APPLIES

CALL 620-793-7491 DAY OF LAUNCH FOR LAST MINUTE INFO OR CHECK OUR CLUB WEBSITE



KEEP APRIL 17TH FREE - THIS IS THE DAY OUR CLUB HELPS AT THE COSMOSPHERE IN HUTCHINSON WITH THE APOLLO 13 COMMEMORATE LAUNCH. FINAL TIMES AND INFO AVAILABLE ON OUR WEBSITE AS IT DEVELOPS. A FLYER WILL GO OUT TO ALL MEMBERS THE WEEK BEFORE.



APRIL 24 BUHLER ROCKET LAUNCH - BUHLER KANSAS
CLASS ONE ROCKETS AT A NEW VENUE - 10AM-5PM MORE INFO IN THE NEXT KOSMONAUT



YOU'LL FIND US ON THE WEB AT

www.kosmo427.org

